

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application

Listing of the Claims

1. (previously presented) A viscoelastic composition comprising water, 0.6%w/v to 4%w/v of hyaluronic acid or a salt thereof and 0.1% w/v to 2% w/v of hydroxypropylmethyl cellulose, wherein the viscoelastic composition has a pseudoplasticity index from 160 to 5000, and a weight ratio of hydroxypropylmethylcellulose to hyaluronic acid or a salt thereof from 0.1 to 1.

2. (previously presented) The composition of claim 1, wherein the average molecular weight of the hyaluronic acid or a salt thereof is a minimum of about 500kD and a maximum of about 3000kD.

3. (Original) The composition of claim 1, wherein the average molecular weight of the hydroxypropylmethyl cellulose is a minimum of about 10kD and a maximum of about 120kD.

4. – 5. (Canceled)

6. (Original) The composition of claim 1, wherein the osmolality of the viscoelastic composition is a minimum of about 200mOsmol/Kg and a maximum of about 400mOsmol/Kg.

7. (Original) The composition of claim 1, wherein the zero-shear viscosity of the viscoelastic composition is a minimum of about 6×10^4 cps and a maximum of about 4×10^6 cps.

8. (Original) The composition of claim 1, wherein the medium-shear viscosity of the viscoelastic composition is a minimum of about 10000 cps and a maximum of about 30000 cps.

9. (Original) The composition of claim 1, wherein the high-shear viscosity of the viscoelastic composition is a minimum of about 500 cps and a maximum of about 2000 cps.

10. (previously presented) The composition of claim 1, wherein the viscoelastic composition has crossover frequency of 0.1 or less.

11. (previously presented) The composition of claim 1, wherein the viscoelastic composition further comprises a chemical scavenger selected from the group consisting of tris[hydroxymethyl] aminomethane, polyols, glutathione, ascorbate, vitamin E, BHA, BHT, propyl gallate, β -carotene, trolox, metabisulfite, flavonoids, sodium formate, thiourea, carbohydrates, 2-mercaptoethanol, dimethylsulfoxide, imidazole, dimethylthiourea, SOD, salicylate, proline, indoles, sulforaphane, polyphenols, citrate, cysteine and derivatives thereof.

12. (Original) The composition of claim 1, wherein the pH of the viscoelastic composition is a minimum of about 5 and a maximum of about 8.

13. - 39. (Canceled)

40. (previously presented) A package for a viscoelastic composition, the package comprising a syringe containing a viscoelastic composition comprising 0.6% w/v to 4% w/v of hyaluronic acid or a salt thereof and 0.1% w/v to 2% w/v of hydroxypropylmethyl cellulose, wherein the viscoelastic composition has a pseudoplasticity index from 160 to 5000 and a weight ratio of hydroxypropylmethylcellulose to hyaluronic acid or a salt thereof from 0.1 to 1.

41. (previously presented) The package of claim 40, wherein the syringe has an outlet port, the package further comprising a cannula configured to sealably connect to the outlet port having a maximum inner diameter of 2 mm of 0.4 mm.

42. (previously presented) The package of claim 40, wherein viscoelastic composition requires a maximum force of 30 N to pass through a stainless steel cannula having a length of 2.2 cm and an inner diameter of 0.5 mm at a delivery rate of 0.02 ml/sec.

43. (Original) The package of claim 40, wherein the average molecular weight of the hyaluronic acid or a salt thereof is a minimum of about 1000kD and a maximum of about 3000kD.

44. (Original) The package of claim 40, wherein the average molecular weight of the hydroxypropylmethylcellulose is a minimum of about 12kD and a maximum of about 86kD.

45. (previously presented) The package of claim 40, wherein the viscoelastic composition comprises a minimum amount of about 1%w/v and a maximum amount of about 3%w/v, hyaluronic acid or a salt thereof.

46. (previously presented) The package of claim 40, wherein the viscoelastic composition has a minimum amount of about 0.3%w/v and a maximum amount of about 1%w/v hydroxypropylmethylcellulose.

47. (Original) The package of claim 40, wherein the osmolality of the viscoelastic composition is a minimum of about 200mOsmol/Kg and a maximum of about 400mOsmol/Kg.

48. (Original) The package of claim 40, wherein the zero-shear viscosity of the viscoelastic material is a minimum of about 8×10^5 cps and a maximum of about 3.5×10^6 cps.

49. (Original) The package of claim 40, wherein the medium-shear viscosity of the viscoelastic composition is a minimum of about 13000 and a maximum of about 25000.

50. (Original) The package of claim 40, wherein the high-shear viscosity of the viscoelastic composition is a minimum of about 700 and a maximum of about 1300.

51. (previously presented) The package of claim 40, wherein the viscoelastic composition has a crossover frequency of 0.1 or less.

52. (previously presented) The package of claim 40, wherein the viscoelastic composition further comprises a chemical scavenger selected from sorbitol or tris[hydroxymethyl] aminomethane.

53. (Original) The package of claim 40, wherein the pH of the viscoelastic composition is a minimum of about 6.5 and a maximum of about 7.5.

Claims 54. – 68. (canceled)

69. (previously presented) The composition of claim 1, wherein the viscoelastic composition further comprises a chemical scavenger selected from sorbitol or tris[hydroxymethyl] aminomethane.

70. (previously presented) The composition of claim 1, wherein the viscoelastic composition further comprises 1%w/v to 6%w/v sorbitol.

71. (previously presented) The composition of claim 1, wherein the viscoelastic composition further comprises 1mM to 40 mM tris[hydroxymethyl] aminomethane.

72. (canceled)

73. (previously presented) The package of claim 40, wherein the viscoelastic composition further comprises 1%w/v to 6%w/v sorbitol.

74. (previously presented) The package of claim 40, wherein the viscoelastic composition further comprises 1mM to 40 mM tris[hydroxymethyl] aminomethane.

75. (previously presented) The ge of claim 73, wherein the viscoelastic composition further comprises 1mM to 40 mM tris[hydroxymethyl] aminomethane.